

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION



1220 Washington Avenue, State Campus, Albany, New York 12226

April 28, 1971

TO: ALL REGIONAL DIRECTORS

SUBJECT: REVISIONS - Materials Method N.Y. 5.11 -
"Plant Inspection of Bituminous Concrete" -
High Friction Surface Course Mixes

The following changes in procedure are effective immediately with relation to Section V, Part B and Section VI of Materials Method N.Y. 5.11.

1. When submitting high friction aggregate samples, a copy of Form BR-161a, "Hot Bin Analysis," need not be sent to the Materials Bureau. Instead, the inspector SHALL copy the batch percentages for # 1 and/or # 1A size stone into the space for "Remarks" on the sample identification form sent in with the sample (Form BR-170b, "Bitumen or Mix Sample"). See sample form below.
2. The inspector shall follow the Distribution instructions found on the bottom of the "Bitumen or Mix Sample" form, Form BR-170b (9/68). Both white and green paper copies should be sent to the Materials Bureau. (Only Form BR-170b should be used for this program.)

Test results will be returned to Regional Offices on the green copy of the Form BR-170b, validated by the Materials Bureau. Results will be shown on the bottom lines of the right side of the form. See sample form below.

NYSDOT
Library
50 Wolf Road, POD 34
Albany, New York 12232

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SAMPLE FORM BR-170b

FORM BR-170b (9/68) NEW YORK STATE DEPT. OF TRANSPORTATION MATERIALS BUREAU	BITUMEN OR MIX SAMPLE	FOR LAB USE ONLY TEST NO. 71 L3 XXX DATE REC'D. 7/5/71 SERIAL NO. 77805		
SEE REVERSE SIDE FOR INSTRUCTIONS				
PRIMARY SOURCE* XYZ Co	LOCATION* Site N.Y.			
LOT. NO. 51 MF	ITEM NO.*† 51 MF	GRADE TYPE*† 7/4/71	DATE SAMPLED*† 11:30 AM	TIME SAMPLED*†
SAMPLED BY*† J. Doe	DISTRICT NO.*† 4	JOB-MIX FORM. NO.*† 1	TONS REPRESENTED*† 1180	
COMPLETE THIS SECTION FOR SAMPLES TAKEN AT BITUMINOUS CONCRETE PLANT.		COMPLETE THIS SECTION FOR SAMPLES TAKEN AT PROJECT SITE.		
NAME OF OWNER*† XYZ Co	NAME OF SUPPLIER*† HIGH FRIC AGGREGATE		LOCATION*†	
LOCATION*† Site, N.Y.	CONT. OR HM NO.*† NON-CARD		VEHICLE NO.* TEST DATA	
REMARKS: *† ① % Batched #1 = 23% #1A = 35%	STATION AND LANE*† + 1/8 in. = 23% GALS. REP. AT 60 F.		CONTENTS*† + 1/8 in. = 25% ② ③	
DISTRIBUTION - • Yellow to Dist. File • Pink to Inspector	• White & Green to Materials Bureau within Sample Pkg. • White Card (Part #2) - Affix to Sample Container			
COMPLETE FOR BITUMEN SAMPLE* COMPLETE FOR EITHER TYPE OF SAMPLE*†		COMPLETE FOR MIX SAMPLE*† ③		

① ENTERED BY INSPECTOR - batch percentage figures for
1 and/or # 1A size stone (copied directly from "Hot
Bin Analysis," Form BR-161a).

② TEST RESULTS - entered at Materials Bureau.

③ VALIDATION STAMP - applied at Materials Bureau.

All other provisions of Materials Method N.Y. 5.11 are still
in effect.


HARRY H. McLEAN

Director of Engineering Materials

DEJP:rmo
FILE: 28

HOT BIN ANALYSIS

PLANT XYZ Co. Site, N.Y. INSPECTOR J. Doe DATE 7/4/77
 ITEM NO. 51 ME MIX TYPE 1A Top AGGREGATE TEMP. 300 °F BITUMEN TEMP. 300 °F

BIN BREAKDOWN

Sieve Sizes	No. 2		No. 1		No. 1A		No. 1B		FINES		MINERAL FILLER	
	Wt. ret.	% pass	Wt. ret.	% pass								
2"												
1 1/2"												
1"												
1/2"												
1/4"												
1/8"												
20												
40												
80												
200												
PAN												
Totals												

COMBINED GRADATION

BIN	%		%		Passing Sieve							
	lbs batched	% batched	2"	1-1/2"	1"	1/2"	1/4"	1/8"	20	40	80	200
2												
1	230	35.0										
1A												
1B												
FINES												
Min. Filler												
TOTAL												
JOB MIX LIMITS												

← Copy these figures

onto Form BR-170b

Lbs. Bitumen Batched _____
 % BITUMEN _____
 JOB MIX LIMITS _____

NETTLES, TOM

